

## **METHODS FOR NICOTINE REPLACEMENT DOSAGE DETERMINATION**

### **ABSTRACT OF THE DISCLOSURE**

A method for predicting nicotine replacement dosage to achieve a target nicotine serum concentration relies on measuring blood nicotine concentration prior to smoking cessation. At least two values corresponding to other patient characteristics, such as body mass, cumulative smoking, psychological dependence, age, and menopausal status, are also determined and used to predict expected blood nicotine concentrations based on nicotine replacement dosages. Such methods are useful in achieving target blood nicotine concentrations for smoking cessation and therapy.

PA 3308193 v1